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Docket No. 740105-70

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Rainer UHL

Application Serial No. 09/828,978

Filed: April 10, 2001

For: MICROSCOPE ILLUMINATION
DEVICE

) Group Art Unit: 2872

) Examiner: L. Fineman

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) *Pamela L. Patrick*
) Pamela L. Patrick

AMENDMENT

Honorable Commissioner of Patents
Washington, D.C. 20231

Dear Sir:

In response to the Examiner's non-final Office Action mailed May 8, 2002, please
consider the following amendments and remarks in connection with the above-identified
application.

In the Drawings:

Concurrently filed herewith is a Submission of Substitute Drawings.

In the Specification:

Please replace paragraph 17 on page 5 with the following substitute paragraph.

AI [0017] As shown in Figure 2, in order to obtain an image with contrast as high as possible during illumination and transmission viewing of the specimen 110, the reflector means 122 can be made such that it does not reflect with uniform intensity over the entire hemisphere of the illumination light, but rather acts as a mirror only in one certain range for the wavelength(s) of the illumination light in order to achieve "oblique illumination" of the specimen 110. In a particular embodiment only less than one quarter 128 of the hemispheric surface 126 is reflective, while the remaining area 130 does not act as a mirror for the wavelengths of the illumination light.

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